

General Environmental Incident Summary

Incident: 4109 **Date/Time Notice:** 5/23/2016 1648 **DEM Incident No:**

Responsible Party: Delta Global Services

Date Incident: 5/23/2016 **Time Incident:** 0538 **Duration:**

County: Grand Forks **Twp:** 152 **Rng:** 51 **Sec:** 33 **Qtr:**

Lat: 47.94648 **Long:** -97.17509 **Method:** Interpolation from map

Location Description: Grand Forks International Airport Fuel Farm.

Submitted By: Andrew Gregory

Affiliation: Grand Forks Regional Airport Auth

Address: 2787 Airport Dr.

City: Grand Forks

State: ND

Zip: 58203

Received By:

Contact Person: Michael McGauvran
2301 Airport Dr.
Grand Forks, ND 58203

Distance Nearest Occupied Building: 140 Feet

Release Contained: Yes

Type of Incident: Tank Leak

Description of Released Contaminant: Type 1 Aircraft De-Ice Fluid "Polar Plus", i.e. Propylene Glycol

Volume Spilled: 230.00 gallons

Ag Related: No

EPA Extremely Hazardous Substance: No

Reported to NRC: No

Cause of Incident:

Wind from a severe thunderstorm blew a 275 gallon fluid tote into a 4000 gallon fiberglass storage tank of de-ice fluid.

Risk Evaluation:

No immediate risk to life or property was ascertained from this incident.

of Fatalities:

of Injuries:

Affected Medium: 02 - water

Potential Environmental Impacts:

The leaked fluid may have a potential impact water systems. The storm drain utilized after the fluid had gone through the separator empties into a tributary coulee to the Red River. The propylene glycol could potentially effect the biochemical oxygen demand of aquatic ecosystems in the local area. However, the effects of this one spill may not be measurable.

Action Taken or Planned:

The fluid was diluted with 800 gallons of water and run through an oil-water separator before being discharged to a storm drain. Oil and other waste materials are scheduled to be removed from the holding tank at a later time. Absorbent socks were used to direct flow of the fluid towards the separator. Absorbent aggregate material was spread over the spill and shoveled into a 45 gallon waste bin. The material is awaiting pick up and disposal by Waste Management.

Wastes Disposal Location:

Agencies Involved:

Updates

Date: 6/3/2016 ***Status:*** Reviewed - No Action Required

Author: Suess, Bill

Updated Volume:

Notes:

Spill was contained on paved surface or within an oil/water separator. No further action is warranted.